

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 207-26.677-0000

ORIGINAL

County Woodson

SE - SW - NW - NW Sec. 24 Twp. 23S Rge. 16

4145 Feet from SW (circle one) Line of Section

4840 Feet from SW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Murray Twins Well # 17

Field Name LeRoy - Neosho Falls

Producing Formation lower squirrel

Elevation: Ground N/A KB _____

Total Depth 1025' PBD 1008

Amount of Surface Pipe Set and Cemented at 41 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from surface

feet depth to 41 w/ 15 sk cnt.

Drilling Fluid Management Plan ALT#2 RGR 7/10/07
(Data must be collected from the Reserve Pit)

Chloride content 500 ppm - Fluid volume 300 bbls

Dewatering method used air dry

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 6448

Name: Lincoln 77, Inc.

Address 630 W: Cherry

Chanute, KS 66720

City/State/Zip _____

Purchaser: C.M.I.

Operator Contact Person: Richard E. Winn

Phone (316) 431-7582

Contractor: Name: Lincoln 77, Inc.

License: 6448

Wellsite Geologist: Richard E. Winn

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBD
Cemented Docket No. _____
Dual Completion Docket No. _____
Other (SWD or Inj?) Docket No. _____

5-4-00 5-12-009 5-12-00
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for details). In excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. **CEMENTING TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporary abandoned wells.

ORIGINAL

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Richard E. Winn

Title Vice President Date 7-24-2000

Subscribed and sworn to before me this 24th day of July, 2000.

Notary Public [Signature]

Date Commission Expires 6-6-04

LEAHNE COURTER
Notary Public - State of Kansas
Exp. Date 6-6-04

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Operator Name Lincoln 77, Inc.

Well Name Murray Twins Well # 17

County Woodson

Sec. 24 Twp. 23 S Rge. 16

East

West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flow and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

(See Enclosed Electric Log)

Log Formation (Top), Depth and Datum Sample
Name Top Datum

(See Enclosed Driller's Log)

CASING RECORD

New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9-7/8	7"	23#	41	PortlandA	15	1/2 sx. calci
Production	5 7/8	2 7/8" EUE	6 1/2#	1008'	PortlandA	150	60/40 POZm 2% gel 35 lbs flo

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

2/f	Used steel carrier gun	50 gal HCL spotted @	946'
	20 holes 946'-956'	Frac with 130 BBl's of gel water	
		10 sx of 20/40 sand	
		70 sx of 8/12 sand	

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 7-12-2000 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 8 Bbls. Gas Trace Mcf Water 8 Bbls. Gas-Oil Ratio Gravity 24

Disposition of Gas: Vented Sold Used on Lease (If submit ACO-18.) Open Hole Reck. Dually Comp. Commingled Other (Specify) Production Interval 946'
956'

DRILLERS LOG

Top Soil	0	To	6
Clay	6	To	21
Sand	21	To	30
Grey Shale	30	To	93
Lansing Lime	93	To	98
Sand	98	To	129
Lime	129	To	163
Shale	163	To	263
Lime	263	To	276
Black Shale	276	To	283
Grey Shale	283	To	286
Lime	286	To	340
Disposal Zone (Soft white lime)	340	To	371
Hard Lime	371	To	382
Shale	382	To	392
Lime	392	To	394
Shale	394	To	398
Lime	398	To	402
Shale	402	To	430
Top KC (Lime)	430	To	432
Shale	432	To	438
Lime	438	To	441
Shale	441	To	443
Lime	443	To	446
Shale	446	To	447
Lime	447	To	503
Stark Black Shale	503	To	508
Swope Lime	508	To	531
Hush Black Shale	531	To	534
Lime	534	To	540
Shale	540	To	541
Lime	541	To	554
Shale	554	To	555
Lime (KC Base)	555	To	557
Pleasington Shale	557	To	720
Black Shale	720	To	724
Grey Shale	724	To	728
Lime	728	To	730
Shale	730	To	747
Lime	747	To	755
Black Shale	755	To	757
Blue Green Shale	757	To	821
Lime	821	To	831
Shale	831	To	847
Lime	847	To	850
Black Shale	850	To	852
Grey Shale	852	To	866
Lime	866	To	875
Shale	875	To	888
Lime	888	To	891
Shale	891	To	893
Lime	893	To	899
Little Osage Black Shale	899	To	905
Black Jack Creek Lime	905	To	908
Excello Black Shale	908	To	911
Lime	911	To	921
Upper Squirrel Shale	921	To	942
1st Lime Cap Rock	942	To	944
Shale	944	To	945 1/2
2nd Lime Cap Rock	945 1/2	To	948
Oil Sand	948	To	950
<u>PUT ON CORE BARREL</u>			
Excellent Solid Oil Sand	950	To	951
Very Good Shaley Oil Sand	951	To	951 1/2
Excellent Solid Oil Sand	951 1/2	To	958
Poor Tight Lam. Oil Sand	958	To	959 1/2
Grey Shale	959 1/2	To	964
<u>DRILL BIT</u>			
Grey Shale	964	To	999
Lime	999	To	1000

Lincoln 77, Inc.
630 W. Cherry
Chanute, KS 66720

Murray Twins Lease, Well #17
SE SW NW NW Sec. 24, Twn. 23S., Rge 16E
Woodson County
4145' From South Line
4840' From East Line
API# 15-207-26,6770000
Set 41' of 23# 7" Surface Pipe 5/4/00
Used 15 sx Portland "A" Cement
Used 15 sx Premium Gel
Used 1/2 sx Calcium
Drilled 9 7/8" Hole for Surface Pipe
Started 5 7/8" Hole on 5/5/00
Reached T.D. of 1025' on 5/12/00
Ran 1007.80' of 2 7/8 8Rd. EUE Tubing
Set 2 7/8" x 8" S/N @ 944'
Set 2 2 7/8 x 6" Centrilizers
1 2 7/8" 8 Rd. EUE Collar
1 2 7/8" 10 Th. reg. Weld on Collar
1 2 7/8" Tubing Clamp

Finished Well 5/12/2000

CONTRACTOR

#06448
Lincoln 77, Inc.
630 West Cherry
Chanute, KS 66720

Driller: Richard E. Winn
Stanley R. Winn

Geologist: Richard E. Winn

ORIGINAL

Shale	1000	To	1007
Lime	1007	To	1009
Biveria Coal	1009	To	1012
Shale	1012	To	1025
T.D.	1025		

BLUE STAR ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

N^o 2198

Date 5-12-00	Customer Order No.	Sect. 24	Twp. 23s	Range 16E	Truck Called Out -	On Location 7:00 p.m.	Job Began 9:15 p.m.	Job Completed 10:00 p.m.
Owner Lincoln 77, Inc.		Contractor Co. Tools			Charge To Lincoln 77, Inc.			
Mailing Address 630 West Cherry Street		City Chanute			State Kansas 66720			
Well No. & Form Murray Twins #17		Place Woodson			State Kansas			
Depth of Well 1025'	Depth of Job 1008'	Casing (New) <input type="checkbox"/> (Used) <input type="checkbox"/>	Size 2 7/8"	Weight	Size of Hole Amt. and Kind of Cement 5 7/8" 150 SKs	Cement Left in casing by	Request (Necessity) 0	feet
Kind of Job Longstring					Drillpipe 2 7/8"	(Rotary) Cable	Truck No. Unit # 2	

Price Reference No.	
Price of Job	450.00
Second Stage	
Mileage 30	63.00
Other Charges	
Total Charges	513.00

Remarks Rig up to Tubing, Taped bottom at 1008' by wire line

Break circulation with fresh water, Mix 200lbs Gel with 10 Bbls water followed with 10 Bbl water spacer.

Mix 150 SKs. 60/40 Pozmix with 2% Gel and Floccle

Shut down, wash out pump & lines - Release Two Rubber Plugs

Displace Plugs with 5.8 Bbls water

Final pumping at 450 P.S.I. - Bumped Plugs at 900 P.S.I.

Close Tubing in with 900 P.S.I.

Cementer Bradley Butler Job complete with good cement returns

Helper Steve Mike District Eureka State Kansas

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

"Thank you" x Called by Richard
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
150	SKs. 60/40 Pozmix cement	5.20	780.00
250	lbs. Gel 2% (Included in Pozmix cement)	8.60	N/C
35	lbs. Floccle 1/4 lb. P ^v /SK.	1.00	35.00
200	lbs. Gel (Flush Hole)	8.60	17.20
2	2 7/8" Top Rubber Plugs	12.00	24.00
Plugs			
	150 SKs. Handling & Dumping	.50	75.00
	657 Ton Mileage 30	.70	137.97
	Sub Total		1582.17
	Discount		
	Delivered from Eureka	Sales Tax	5.97%
	Signature of operator <u>Brad Butler</u>	Total	93.35
			1675.52

ORIGINAL